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1900

JAN 31 1901
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Diag. Ch't. No. 1211-1

Descriptive Report
to accompany

Hyd^e sheet No. 2487

Hyd^e Reconnaissance

by Party of

H. S. Merriam, Assistant

Aug & Sept. 1900.

2487

Title

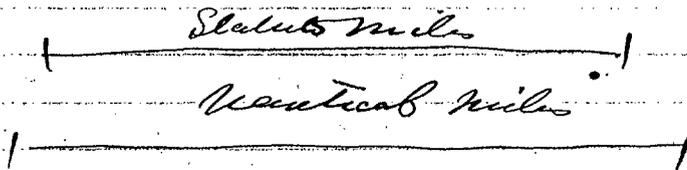
Treasury Department
U.S.G. Survey
H. L. Fritchett - Supt.

Thames River
Connecticut

Channel Reconnaissance and Range Lights
Galley Ferry to Norwich.

Assistant H. L. Marindin, Chief of Party
Aug. 21 to Sept 5th
1900

Scale $\frac{1}{10000}$



Observer: J. M. Little Assistant
J. H. Ainsworth 1st Watch Officer

Recorder: Eyer Smith

Leadman: Andy White Jr. 2nd Lt. P.C.

Coxswain: Joan Pellerin Jr. 3rd Lt.

Rel. Observer: R. W. Cantwell Jr.

Statistics

1900	Letters	Books
Aug 21	2	3
Sept 4	2	3 and 4
" 5	2	4

Sdg. NOTE: The sdgs are expressed in feet and refer to Mean Low Water.

Tides: The Datum Plane is Mean Low Water as determined by 354 consecutive tides registered by automatic tide gauge at the Naval Station, between May 17th and Nov 17-1899. This plane of M. L. W. was carried to Allyn's Point by simultaneous observations on Aug 24, 1900.

Bench. marks at Allyn's Point.

B.M.(1) - High Point on rough foundation stone west side of Annex, about 15 inches from main part of brick building at Allyn's Pt. The B.M. is marked by a #10-nail driven in mortar above it and over 2^d course of brick. B.M.(1) above M.L.W. 8.56 ft.

B.M.(2) - High point on ledge of rock, surrounded by rough circle in rock, nearly E of tide gauge and about 7 ft. from water edge at H.W.

B.M.(2) above M.L.W. = 8.08 ft.

B.M.(2) above zero of staff = 8.98 ft.

M.L.W. reading on staff 0.90 ft.

The commerce about Allyn's Point is limited to the hauling of coal barges for the consumption of Norwich and vicinity and to the passage of Excursion tugs in summer and passenger steamers from New London and port wine points. Below Norwich there have been erected large manufacturing plants, which get their supplies mainly by water transportation.

The low water navigation has been improved
by the location of training dikes, and
and numerous range lights have been
established as guides for the navigation.
20 Range lights - are to be found between
the M. R. Bridge at New London and
the city of Norwich, a distance of
about 14 miles nautical miles.

The sheet also contains the Plane table survey
of the ^{shore} left bank from the upper limits of
the canal reservation in about Lat $41^{\circ} 25'$
to Allens Point where it joins the old R. River
line from Norwich. There is no other
topographic sheet showing this new work.

Henry Lillanorin
Chief of Party.